

BerriQi®

FUNCTIONAL FOOD FACT SHEET

Health Benefits of BerriQi®

- Scientifically proven to support respiratory health
- Potent respiratory immune modulator
- Concentrated source of unique anthocyanins
- Excellent source of anti-inflammatory polyphenols
- Low daily dose 600-1600 mg
- Patented ingredient

Key Features of BerriQi®

- Real fruit flavor
- NZ Grown
- Made with whole fruits
- Non-GMO
- Gluten free
- Vegan
- Kosher
- GRAS
- Low FODMAP
- Allergen free
- Excipient free
- 63% soluble

Key Characteristics of BerriQi®

Compatibility

- Compatible with dairy and non-dairy yoghurt
- Compatible with all plant and animal-based thickeners (stabilizers) and hydrocolloids

Flavour

- Strong flavour and taste of boysenberries and apples

Colour

- High retention of natural berryfruit colour

Product Categories Most Suitable for BerriQi®

- Yoghurt
- Ready-to-drink beverage (chilled)
- Ready-to-drink smoothie (chilled)
- Shot (chilled)
- Popsicle ice block
- Ice cream



Heat Stability of Bioactives

Temperature/Time	≤ 10 mins	≤ 20 mins	≤ 30 mins	≤ 40 mins	≤ 50 mins	≤ 60 mins	≥ 60 mins
≤ 10°C	✓	✓	✓	✓	✓	✓	✓
≤ 20°C	✓	✓	✓	✓	✓	✓	✓
≤ 30°C	✓	✓	✓	✓	✓	✓	✓
≤ 40°C	✓	✓	✓	✓	✓	✓	✓
≤ 50°C	✓	✓	✓	✓	✓	✓	✓
≤ 60°C	✓	✓	✓	✓	✓	✓	
≤ 70°C	✓	✓	✓	✓			
≤ 80°C	✓	✓					
≤ 90°C	✓						
≤ 100°C							
≥ 100°C							

Specific processing conditions

Batch pasteurisation (63°C/30 mins)	Pasteurisation (72°C/15s)	Hot fill (80°C/10 mins)	Pasteurisation (95°C/5 mins)	Pasteurisation (110°C/5 mins)	Canned goods sterilisation (116°C/20 mins)	UHT (140°C / ≤4s)	Baking (>100°C/≥30 mins)	Non-thermal sterilisation (e.g. PEF/HPP)
	✓	✓	✓	✓		✓		✓

✓	Delivers health benefits
✓	May deliver some health benefits, but not all

Comments

Partial retention of health benefits can be overcome by increasing the dose of BerriQi to compensate for loss of anthocyanins due to high heat or extended heat exposure.

Nutrition information

	Average Quantity per Low dose (650 mg) Serving	Average Quantity per High dose (1.6 g) Serving	Average Quantity per 100g
Energy, kJ	9.8	24	1500
Energy, calories	2.3	5.7	358
Protein, g	0.05	0.11	7.0
Fat, total, g	0.01	0.02	1.2
Carbohydrate, g	0.46	1.1	71
- Sugars, total, g	0.31	0.76	48
Dietary fibre, g	0.10	0.26	16
Sodium, mg	0.26	0.64	40